



SPYWOLF

Security Audit Report



Completed on
December 30, 2022

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OVERVIEW

This audit has been prepared for **ETH Printer** to review the main aspects of the project to help investors make an informative decision during their research process.

You will find a summarized review of the following key points:

- ✓ Contract's source code
- ✓ Owners' wallets
- ✓ Tokenomics
- ✓ Team transparency and goals
- ✓ Website's age, code, security and UX
- ✓ Whitepaper and roadmap
- ✓ Social media & online presence

“

The results of this audit are purely based on the team's evaluation and does not guarantee nor reflect the projects outcome and goal

”

- SPYWOLF Team -





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ETH Printer



PROJECT DESCRIPTION

According to their whitepaper:

Eth Printer is Ethereum miner that offers dynamic APY and a daily return of 8% for its investors.

The dynamic APY is carefully calibrated based on miner volume and investor behavior to maximize profits and ensure long-term sustainability.

Release Date: December 29, 2022

Category: Miner



CONTRACT INFO

Token Name
N/A

Symbol
N/A

Contract Address

0x011F3Df28D43c27Ddfc6683dbB00E9259BF5831F

Network

Ethereum

Language

Solidity

Deployment Date

Dec 29, 2022

Verified?

Yes

Total Supply

N/A

Status

Launched

TAXES

Buy Tax

4%

Sell Tax

4%

Our Contract Review Process

The contract review process pays special attention to the following:

- ✓ Testing the smart contracts against both common and uncommon vulnerabilities
- ✓ Assessing the codebase to ensure compliance with current best practices and industry standards.
- ✓ Ensuring contract logic meets the specifications and intentions of the client.
- ✓ Cross referencing contract structure and implementation against similar smart contracts produced by industry leaders.
- ✓ Thorough line-by-line manual review of the entire codebase by industry experts.

Blockchain security tools used:

- OpenZeppelin
- Mythril
- Solidity Compiler
- Hardhat



CURRENT STATS

(As of December 29, 2022)



Liquidity

TVL:
32 ETH



Burn

N/A

Status:
Launched!

MaxTxAmount
1,000,000,000,000

DEX
PANCAKESWAP

LP Address(es)

This is mining contract and the whole liquidity is contained within the contract itself.

Current total value locked (TVL) is 32 ETH.



SMART CONTRACT STATS

Calls Count	313
External calls	313
Internal calls	0
Transactions count	313
Uniq Callers	143
Days contract called	2
Last transaction time	2022-12-30 12:52:47 UTC
Created	2022-12-29 08:52:35 UTC
Create TX	0x0b16f0b1281ee04b57b7e5cc9ebf5dfe6bdd d52ec3f33ca544f308b62d1b2b1f
Creator	0x795a0c5dd9f03ca3c978e7cad4a5fc44c7 637d62



VULNERABILITY CHECK

Design Logic	Passed
Compiler warnings.	Passed
Private user data leaks	Passed
Timestamp dependence	Passed
Integer overflow and underflow	Passed
Race conditions and reentrancy. Cross-function race conditions	Passed
Possible delays in data delivery	Passed
Oracle calls	Passed
Front running	Passed
DoS with Revert	Passed
DoS with block gas limit	Passed
Methods execution permissions	Passed
Economy model	Passed
Impact of the exchange rate on the logic	Passed
Malicious Event log	Passed
Scoping and declarations	Passed
Uninitialized storage pointers	Passed
Arithmetic accuracy	Passed
Cross-function race conditions	Passed
Safe Zeppelin module	Passed
Fallback function security	Passed



THREAT LEVELS

When performing smart contract audits, our specialists look for known vulnerabilities as well as logical and access control issues within the code. The exploitation of these issues by malicious actors may cause serious financial damage to projects that failed to get an audit in time. We categorize these vulnerabilities by the following levels:

High Risk

Issues on this level are critical to the smart contract's performance/functionality and should be fixed before moving to a live environment.

Medium Risk

Issues on this level are critical to the smart contract's performance/functionality and should be fixed before moving to a live environment.

Low Risk

Issues on this level are minor details and warning that can remain unfixed.

Informational

Information level is to offer suggestions for improvement of efficacy or security for features with a risk free factor.



FOUND THREATS

High Risk

No high risk-level threats found in this contract.

Medium Risk

No medium risk-level threats found in this contract.

Low Risk

No low risk-level threats found in this contract.

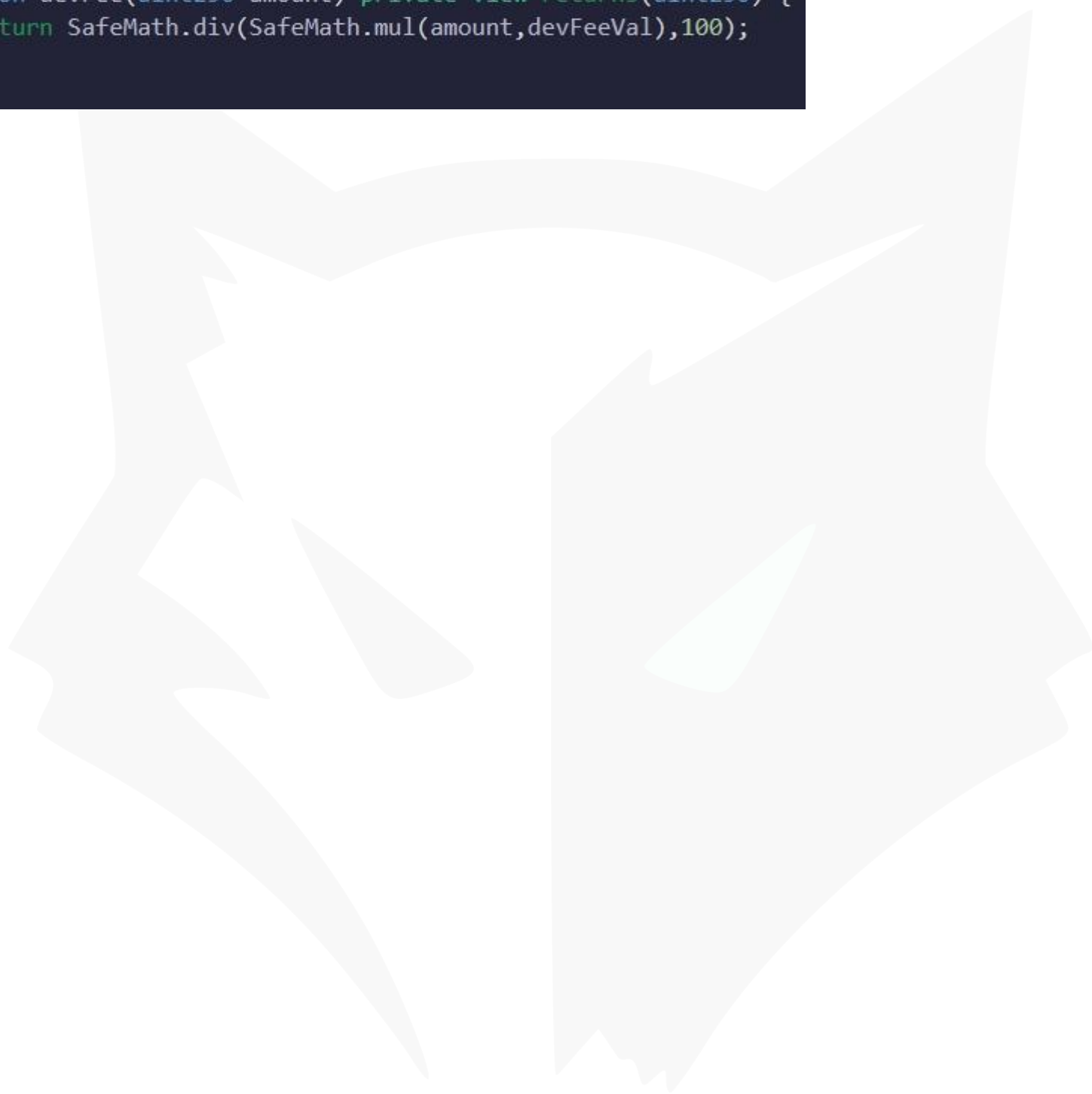


Informational

There is 4% fee for each buy/sell.

```
uint256 private devFeeVal = 4;

function devFee(uint256 amount) private view returns(uint256) {
    return SafeMath.div(SafeMath.mul(amount,devFeeVal),100);
}
```





RECOMMENDATIONS FOR

GOOD PRACTICES

1

Consider fundamental tradeoffs

2

Be attentive to blockchain properties

3

Ensure careful rollouts

4

Keep contracts simple

5

Stay up to date and track development

ETH Printer

GOOD PRACTICES FOUND

- ✓ The owner cannot stop or pause the contract
- ✓ The owner cannot set a transaction limit
- ✓ The smart contract utilizes "SafeMath" to prevent overflows



This is miner project. Users' return of investment (ROI) is correlated with the total value locked in the contract (TVL). The higher the TVL is, the lower the ROI becomes. There are 4% fees for developer which are collected when BuyPrinters() and SellPaper() functions are used. There is 10% referral bonus. Every time HirePrinters() function is used, 10% of the 'paper' value is added as referral bonus transferred to users' selected referral. Similarly to all miners, once the TVL becomes to 0, users won't be able to claim any of their investment.

TOKENOMICS



THE TEAM

! The team is anonymous

KYC INFORMATION

! No KYC

We recommend the team to get a KYC in order to ensure trust and transparency within the community.





WEBSITE

Website URL

<https://ethprinter.finance/>

Domain Registry

<https://www.namecheap.com/>

Domain Expiration

2023-12-29

Technical SEO Test

Passed

Security Test

Passed. SSL certificate present

Design

Single page design,
appropriate color scheme
and graphics.

Content

The information helps new
investors understand what
the product does right away.
No grammar mistakes found
.

Whitepaper

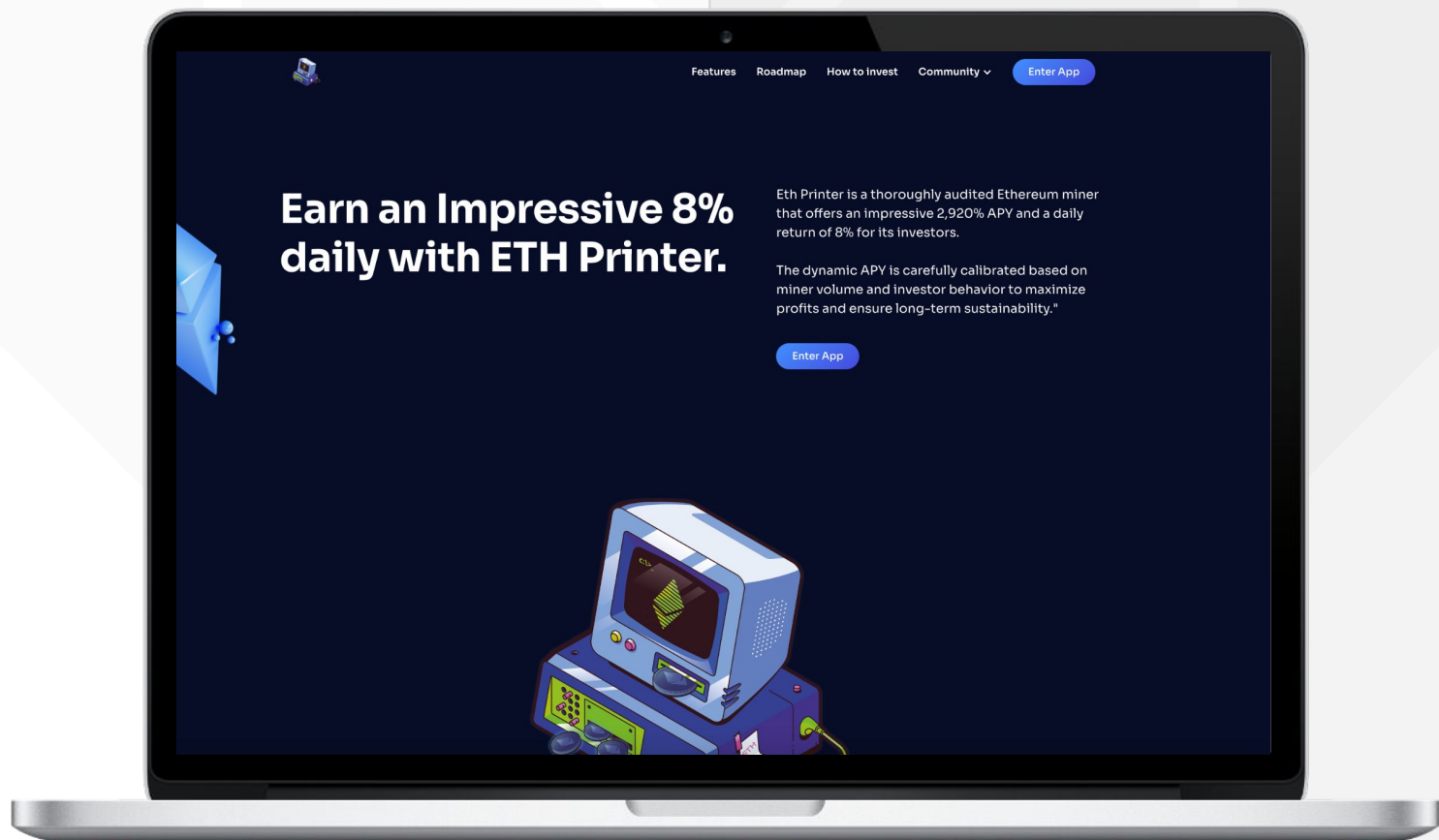
No whitepaper.

Roadmap

Yes, goals set without time
frames.

Mobile-friendly?

Yes



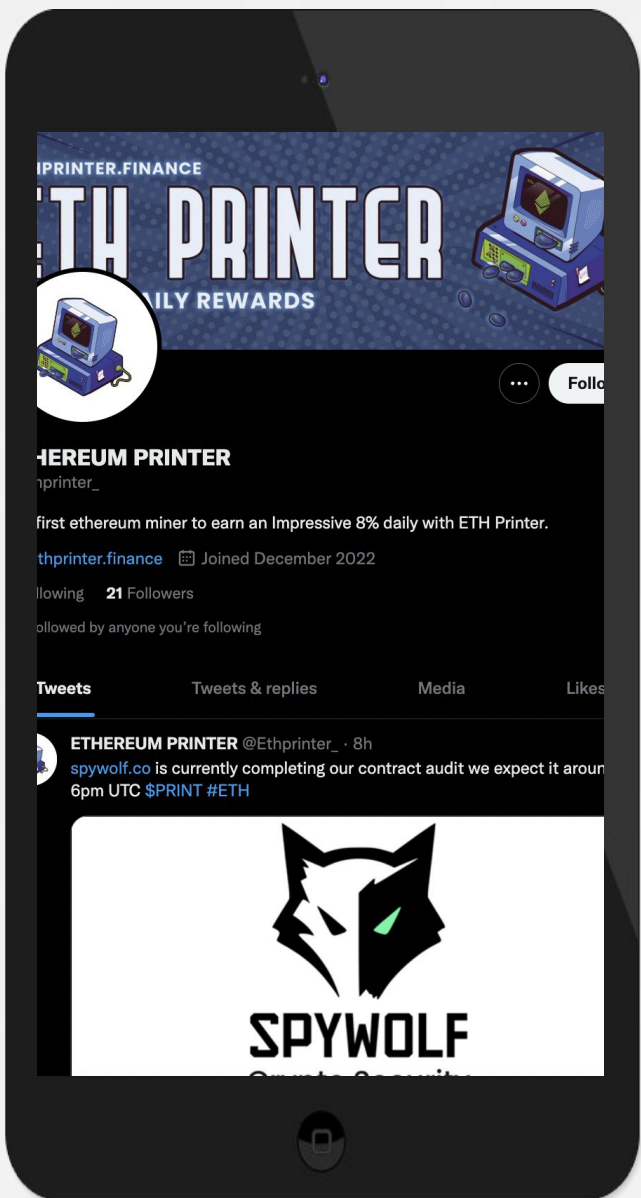
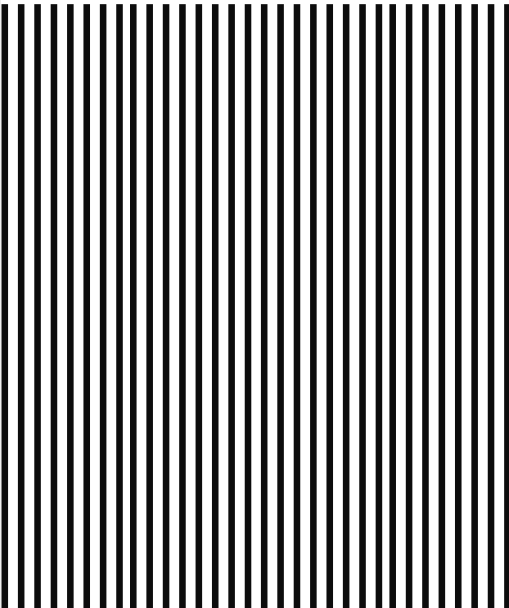
ethprinter.finance



SOCIAL MEDIA & ONLINE PRESENCE



ANALYSIS
Project's social media pages are active



Twitter
@Ethprinter_

- 19 followers
- Active



Discord

- Not available



Telegram
@ethereumprinter

- 157 members
- Active members



Medium

- Not available



SPYWOLF

CRYPTO SECURITY

Audits | KYCs | dApps
Contract Development

ABOUT US

We are a growing crypto security agency offering audits, KYCs and consulting services for some of the top names in the crypto industry.

- ✓ OVER 150 SUCCESSFUL CLIENTS
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Disclaimer

This report shows findings based on our limited project analysis, following good industry practice from the date of this report, in relation to cybersecurity vulnerabilities and issues in the framework and algorithms based on smart contracts, overall social media and website presence and team transparency details of which are set out in this report. In order to get a full view of our analysis, it is crucial for you to read the full report.

While we have done our best in conducting our analysis and producing this report, it is important to note that you should not rely on this report and cannot claim against us on the basis of what it says or doesn't say, or how we produced it, and it is important for you to conduct your own independent investigations before making any decisions. We go into more detail on this in the disclaimer below – please make sure to read it in full.

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No applications were reviewed for security. No product code has been reviewed.